

Disulfide Bond Isomerization

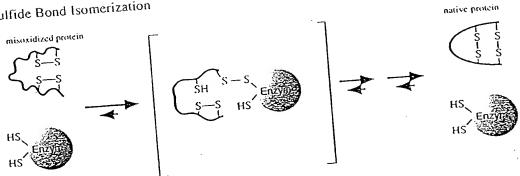
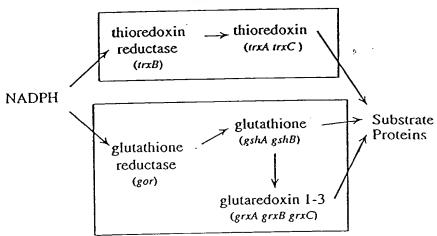


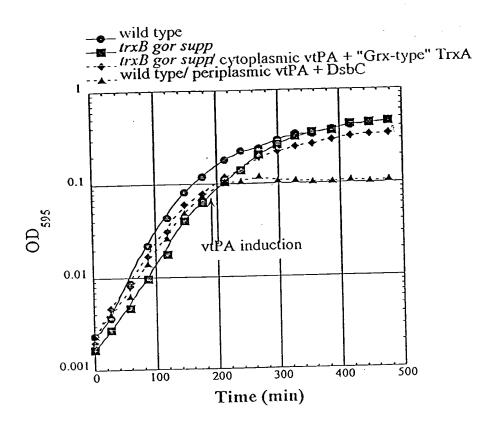
Figure 2

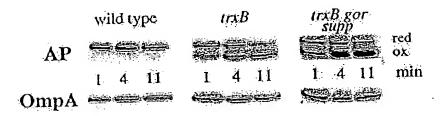
Thioredoxin System



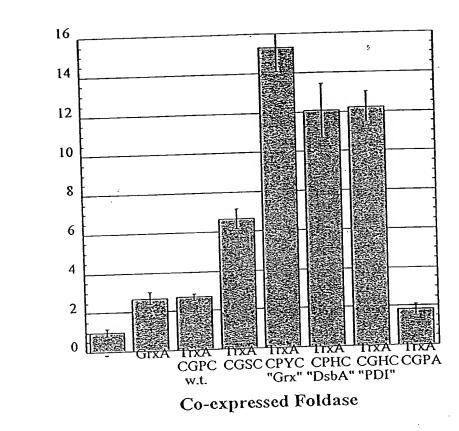
Glutaredoxin System

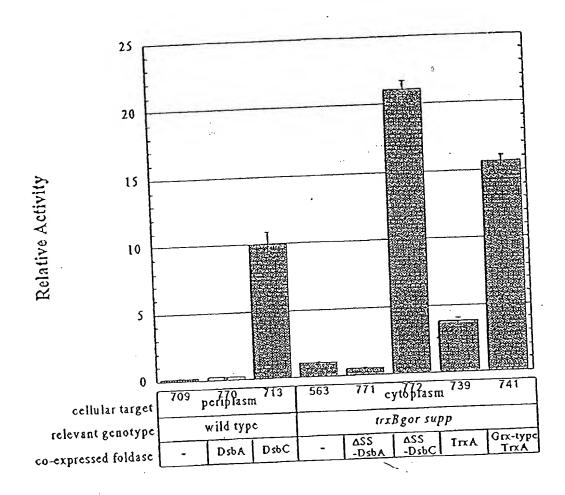
| | wild type | trxB | texB gshA supp. | trxB gor supp. |
|--------------------------|-----------|------|--------------------|-------------------|
| vtPA alone | | | | |
| ÝPA + "Grx-lýpa" Trxá | | | | |



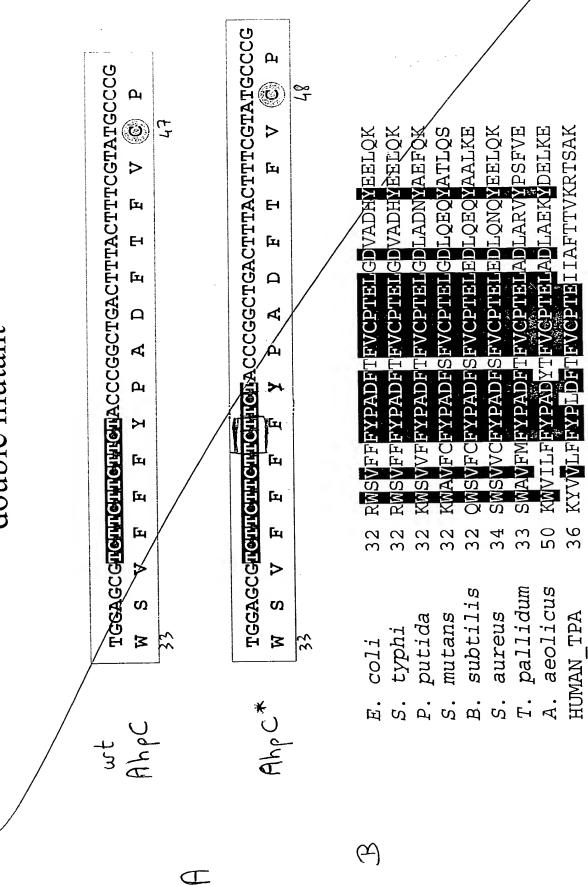


Relative Activity

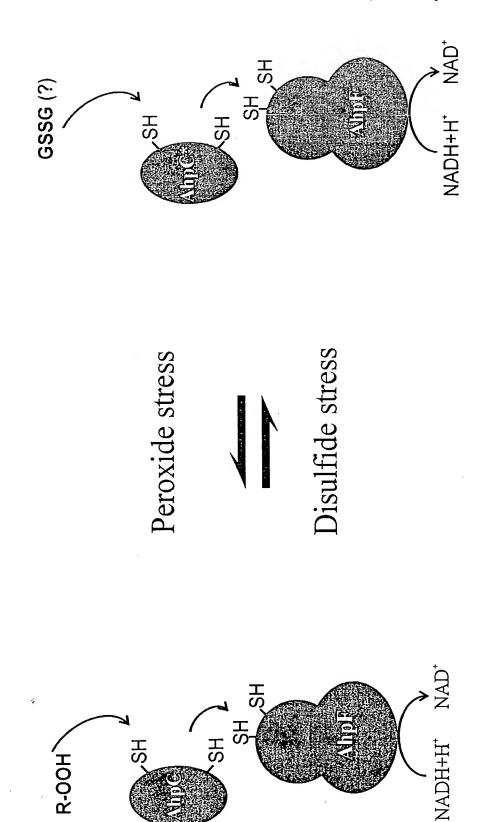


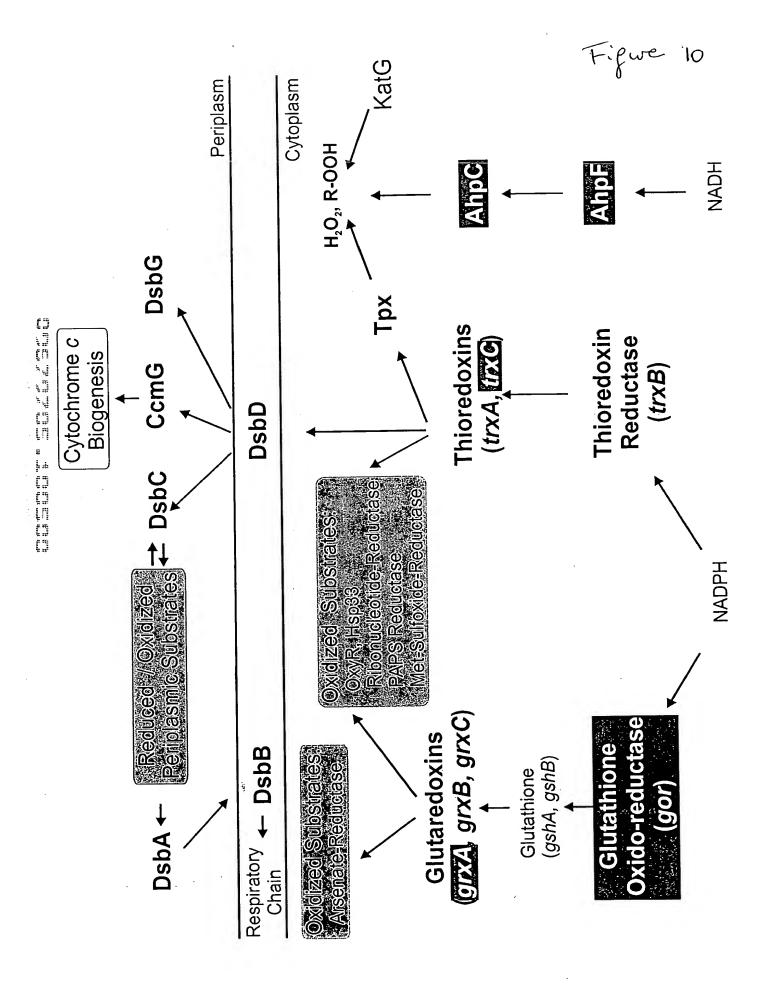


A triplet insertion in a ahpC restores growth to a trxB gor double mutant



Depending on the oxidative stress-inducing signal two different forms of AhpC can be found





Thiol-Redox pathways in a trxB gor double mutant

